

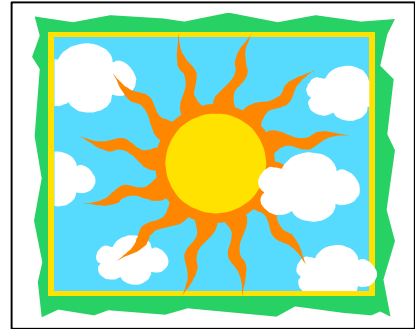


California State Parks

Energy

A Self-Guided Activity for Junior Rangers

Everything on the earth needs energy to live. Without energy, cars would not run, televisions would not work, plants could not grow, and animals could not move or even breathe! In this activity you will have a chance to explore what energy really is, and how it affects everything around you.



How do you get energy to walk, talk, move and think?

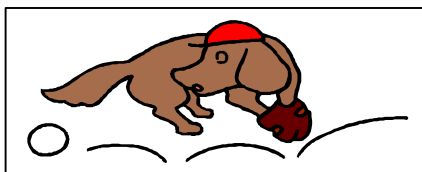
How do animals get their energy to move, grow and reproduce?

Where do people get the energy to run our cars, light up our houses, and run our computers?

There are two types of energy. Potential energy is energy being stored and not in use. Kinetic energy is energy in motion, being consumed. Fill in the blanks.

A ball bouncing is an example of energy.

A dog sleeping is an example of energy.





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Use these words to answer the questions below...

gasoline conservation oil geothermal herbivore sunlight tidal
calories photosynthesis wind carnivore electricity fossil fuels water

An animal that eats plants for energy.

It is used to make hydropower.

An animal that eats other animals for energy.

The process plants use to make energy.

A type of fossil fuel.

The energy source that sailboats use.

The type of energy created from heat within the earth.

The fuel used in automobiles.

Taking care to preserve natural resources is called...

The type of energy used to turn on a light.

How humans measure the energy they eat.

One of the things plants need to produce energy (photosynthesize).

The name of fuels like coal, oil and natural gas
created from prehistoric plants and animals.

The type of energy created by the ocean.
